

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/26 H04N7/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JONG CHUL YE ET AL: "Rate-distortion optimized data partitioning for video using backward adaptation" 6 April 2003 (2003-04-06), 2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP 2003), XP010639153 ISBN: 0-7803-7663-3 pages III-638, paragraph II-B - pages III-639, paragraph III; figures 1,2 ----- -/-	1-26

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

10 August 2004

Date of mailing of the international search report

28/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Kuhn, P

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ELEFThERiADiS A ET AL: "Optimal data partitioning of MPEG-2 coded video" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP) AUSTIN, NOV. 13 - 16, 1994, LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, vol. VOL. 3 CONF. 1, 13 November 1994 (1994-11-13), pages 273-277, XP010145969 ISBN: 0-8186-6952-7 page 274, paragraph 3 - page 275; figure 1</p>	1-26
A	<p>KONDI, L.P.; KATSAGGELOS, A.K.: "An operational rate-distortion optimal single-pass SNR scalable video coder" IMAGE PROCESSING, IEEE TRANSACTIONS ON, vol. 10, no. 11, November 2001 (2001-11), pages 1613-1620, XP002291870 page 1614, paragraph III - page 1617</p>	1-26
P,X	<p>US 2004/028131 A1 (CHEN YINGWEI ET AL) 12 February 2004 (2004-02-12) page 3, paragraph 44 - page 4, paragraph 54; figure 2</p>	1-26
A	<p>SULLIVAN G J ET AL: "RATE-DISTORTION OPTIMIZATION FOR VIDEO COMPRESSION" IEEE SIGNAL PROCESSING MAGAZINE, IEEE INC. NEW YORK, US, vol. 15, no. 6, November 1998 (1998-11), pages 74-90, XP001064929 ISSN: 1053-5888 page 78, left-hand column - page 87, left-hand column</p>	1-26
A	<p>SULLIVAN G J ET AL: "Using the draft H.26L video coding standard for mobile applications" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2001. THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 573-576, XP010563412 ISBN: 0-7803-6725-1 page 573 - page 574; figure 1</p>	1-26
	-/--	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SULLIVAN G J ET AL: "Rate-distortion optimization for tree-structured source coding with multi-way node decisions" DIGITAL SIGNAL PROCESSING 2, ESTIMATION, VLSI. SAN FRANCISCO, MAR. 23, vol. VOL. 5 CONF. 17, 23 March 1992 (1992-03-23), pages 393-396, XP010058928 ISBN: 0-7803-0532-9 pages III-394, paragraph III - pages III-395 -----	1-26
A	WIEGAND T: "JOINT MODEL NUMBER 1, REVISION 1(JM-IRL)" 3 December 2001 (2001-12-03), ITU STUDY GROUP 16 - VIDEO CODING EXPERTS GROUP, XX, XX, PAGE(S) 1,3-75 , XP001086627 page 10, paragraph 3.1.2 -----	1-26

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004028131 A1	12-02-2004	WO 2004015998 A1	19-02-2004